

PTO-1449 REPRODUCED

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

February 12, 2002

(Use several sheets if necessary)

ATTORNEY DOCKET NO.
2825.1018-010

APPLICATION NO.

10/074,789

APPLICANT

Todd R. Golub, et al.

FILING DATE

February 12, 2002

GROUP

16 31

JCB68 U.S. PTO

10/074789

02/12/02

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILED DATE IF APPROPRIATE
UA	AA	5,040,133	08/13/91	Feintuch et al.	364	581	
	AB	5,179,643	01/12/93	Homma et al.	395	140	
	AC	5,631,734	05/20/97	Stern et al.	356	317	
	AD	5,734,796	03/31/98	Pao	395	22	
	AE	5,770,722	06/23/98	Lockhart et al.	536	25.3	
	AF	5,819,245	10/06/98	Peterson et al.	706	16	
	AG	5,832,182	11/03/98	Zhang et al.	395	10	
	AH	5,871,697	02/16/99	Rothberg et al.	422	68.1	
	AI	5,925,525	07/20/99	Fodor et al.	435	6	
	AB						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Borrow, Julian, et al., "The t(7;11)(p15;p15) translocation in acute myeloid leukaemia fuses the genes for nucleoporin NUP98 and class I homeoprotein HOXA9," <i>Nature Genetics.</i> , 12(2): 159-167 (1996).
AS	Buccheri, Valeria, et al., "mb-1: A New Marker for B-Lineage Lymphoblastic Leukemia," <i>Blood</i> 82(3): 853-857 (1993).
AT	Chu, S., et al., "The Transcriptional Program of Sporulation in Budding Yeast," <i>Science</i> 282: 699-705 (1998).
AU	Cole, Kristina A., et al., "The genetics of cancer-a 3D model," <i>Nature Genetics</i> 21 38-41 (1999).
AV	Eisen, Michael, B., et al., "Cluster analysis and display of genome-wide expression patterns," <i>Proc. Natl. Acad. Sci.</i> 95: 14863-14868 (1998).
AW	Ermolaeva, Olga, et al., "Data management and analysis for gene expression arrays," <i>Nature Genetics</i> 20: 19-23 (1998).
AX	Huang, Shang-Yi, et al., "Clinical, haematological and molecular studies in patients with chromosome translocation t(7;11): a study of four chinese patients in Taiwan," <i>British Journal of Haematology</i> , 96: 682-687 (1997).
AY	Iyer, Vishwanath R., et al., "The Transcriptional Program in the Response of Human Fibroblasts to Serum," <i>Science</i> 283: 83-87 (1999).


EXAMINER

M. G. Moran

DATE CONSIDERED

4/1/04

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
AZ	Khan, Javed, et al., "Expression profiling in cancer using cDNA microarrays," <i>Electrophoresis</i> 20: 223-229 (1999).		
AR2	Khan, Javed, et al., "Gene Expression Profiling of Alveolar Rhabdomyosarcoma with cDNA Microarrays," <i>Cancer Research</i> 58: 5009-5013 (1998).		
AS2	Kononen, Juha, et al., "Tissue microarrays for high-throughput molecular profiling of tumor specimens," <i>Nature Medicine</i> 4: 844-847 (1998).		
AT2	Kroon, Evert, et al., "Hoxa9 transforms primary bone marrow cells through specific collaboration with Meisla but not Pbx1b," <i>The EMBO Journal</i> 17(13) 3714-3725 (1998).		
AU2	Lander, Eric S., "The New Genomics: Global Views of Biology," <i>Science</i> 274: 536-539 (1996).		
AV2	Nakamura, Takuro, et al., "Fusion of the nucleoporin gene NUP98 to HOXA9 by the chromosome translocation t(7;11)(p15;p15) in human myeloid leukaemia" <i>Nature Genetics</i> 12: 154-158 (1996).		
AW2	Spellman, Paul T., et al., "Comprehensive Identification of Cell Cycle-regulated Genes of the Yeast <i>Saccharomyces cerevisiae</i> by Microarray Hybridization," <i>Molecular Biology of the Cell</i> 9(12) 3273-3297 (1998).		
AX2	Tamayo, Pablo, et al., "Interpreting patterns of gene expression with self-organizing maps: Methods and application to hematopoietic differentiation," <i>Proc. Natl. Acad. Sci.</i> 96: 2907-2912 (1999).		
AY2	Tavazoie, Saeed, et al., "Systematic determination of genetic network architecture," <i>Nature Genetics</i> 22: 281-285 (1999).		
AZ2	Törönen, Petri, et al., "Analysis of gene expression data using self-organizing maps," <i>FEBS Letters</i> 451: 142-146 (1999).		
AR3	Watson, Andrew, et al., "Technology for microarray analysis of gene expression," <i>Biotechnology</i> 9: 609-614 (1998).		
AS3	Yang, George P., et al., "Combining SSH and cDNA microarrays for rapid identification of differentially expressed genes," <i>Nucleic Acids Research</i> 27(6): 1517-1523 (1999).		
AT3	"Affymetrix Launches New Genome Scanning Genechip® Expression Products," [online], September 1998 [retrieved on 1998-10-14]. Retrieved from the Internet:<URL: http://www.affymetrix.com/press/pr980918.html		
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
AU3	Stipp, D., "Gene Chip Breakthrough," [online], March 1997 [retrieved 1998-10-15]. Retrieved from the Internet:<URL: http://www.pathfinder.com/@@NJC11CgcA1QLIOjS3/fortune/1997/970331/bio.html		
AV3	Zheng, P. et al., "Proto-oncogene PML controls genes devoted to MHC class I antigen presentation," Nature 396:373-376, (11/26/98).		
AW3	Lockhart, D.J. et al., "Expression monitoring by hybridization to high-density oligonucleotide arrays," Nature Biotechnology, 14:1675-1680, (December 1998).		
AX3	DeRisi, J.L. et al., "Exploring the Metabolic and Genetic Control of Gene Expression on a Genomic Scale," Science, 278:680-686, (October 1997).		
AY3	Lashkari, D.A. et al., "Yeast microarrays for genome wide parallel genetic and gene expression analysis," Proc. Natl. Acad. Sci. USA, 94:13057-13062 (November 1997).		
AZ3	Miyata, Y. et al., "Phosphorylation of the immunosuppressant FK506-binding protein FKBP52 by casein kinase II: Regulation of HSP90-binding activity of FKBP52," Proc. Natl. Acad. Sci. USA, 94:14500-14505, (December 1997).		
AR4	Kok, K. et al., "A gene in the chromosomal region 3p21 with greatly reduced expression in lung cancer is similar to the gene for ubiquitin-activating enzyme," Proc. Natl. Acad. Sci. USA, 90:6071-6075 (July 1993).		
AS4	Wodicka, L. et al., "Genome-wide expression monitoring in Saccharomyces cerevisiae," Nature Biotechnology, 15:1359-1367 (December 1997).		
AT4	Jin, Y. et al., "Molecular cloning of a 25-kDa high affinity rapamycin binding protein, FKBP25, J.Bio.Chem., 267(16):10942-10945, (1992).		
AU4	Pennisi, E., "DNA Chips Give New View of Classic Test," Science, 283:17-18, January 1999.		
AV4	Jobson, J.D., "Cluster Analysis" in Applied Multivariate Data Analysis, Volume II: Categorical and Multivariate Methods, (NY:Springer-Verlag) pp. 518-568 (1992).		
AW4	Gordon, A.D., in Classification--Methods for the Exploratory Analysis of Multivariate Data, (NY:Chapman and Hall) pp. 1-53.		
AX4	Kohonen, T., Self-Organizing Maps, 2nd Edition, T.S. Huang et al., eds. (NY: Springer-Verlag, 1997).		
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	AY4	Loos, H.S. and B. Fritzsche, "DemoGNG (Version 1.5), [online] [Retrieved 1999-01-29]. Retrieved from the Internet:<URL: http://www.neuroinformatik.ruhr-uni-bochum.de/ini/VDM/research/gns/DemoGNG/GNG.html	
	AZ4	Kaski, S. et al., "Bibliography of Self-Organizing Map (SOM) Papers: 1981-1997," [online] September 1998 [retrieved on 1999-03-05]. Retrieved from the Internet:<URL: http://www.icsi.berkeley.edu/~jagota/NCS/VOL1/P4_html/vol1_4.html	
	AR5	Cho, R. et al., "A genome-wide transcriptional analysis of the mitotic cell cycle," Molecular Cell, 2:65-73 (July 1998).	
	AS5	de Thé, H. et al., "The PML-RAR Fusion mRNA Generated by the t(15;17) Translocation in Acute Promyelocytic Leukemia Encodes a Functionally Altered RAR," Cell, 66:675-684 (August 1991).	
	AT5	Hartigan, J., "Clustering" in Clustering Algorithms, (NY:J. Wiley, 1975) pp. 1-27, 155-176.	
	AU5	Bamdad, C., "Surface Plasmon Resonance for Measurements of Biological Interest" in Current Protocols in Molecular Biology, (John Wiley & Sons, Inc.) pp. 20.4.1-20.4.12 (1997)	
	AV5	Eisen, M.B. et al., "Cluster analysis and display of genome-wide expression patterns," Proc. Natl. Acad. Sci. USA, 95:14863-14868 (December 1998).	
	AW5	Jain, A.K. and R.C. Dubes, Algorithms for Clustering Data, (Prentice-Hall), pp. 1-27, 118-142, 262-274 (1988).	
	AX5	Kakizuka, A. et al., "Chromosomal translocation t(15;17) in human acute promyelocytic leukemia fuses RAR with a novel putative transcription factor, PML," Cell, 66:663-674 (August 1991).	
	AY5	Höhfeld, J. et al., "Hip, a Novel Cochaperone Involved in the Eukaryotic Hsc70/Hsp40 Reaction Cycle," Cell, 83:589-598 (November 1995).	
	AZ5	Yoshida, H. et al., "Accelerated Degradation of PML-Retinoic Acid Receptor (PML-RARA) oncoprotein by All-trans-Retinoic Acid in Acute Promyelocytic Leukemia: Possible Role of Proteasome Pathway," Cancer Res., 56:2945-2948 (July 1996).	
	AR6	Höhfeld, J. and S. Jentsch, "GrpE-like regulation of the hsc70 chaperone by the anti-apoptotic protein BAG-1, EMBO Journal, 16(20):6209-6216 (1997).	
	AS6	Russell, L. and D. Forsdyke, "A Human Putative Lymphocyte G0/G1 Switch Gene Containing a CpG-rich Island Encodes a Small Basic Protein with the Potential to Be Phosphorylated," DNA AND CELL BIOL., 10(8):581-591, (1991).	
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AT6	Oliva, M. et al., "Promoter regulation of a differentially expressed gene in the human colonic epithelial cell lines HT29-18 and HT29-18-C1, Gene 159(1):151-157 (1995).		
AU6	Beck, S. et al., "DNA Sequence Analysis of 66 kb of the Human MHC Class II Region Encoding a Cluster of Genes for Antigen Processing," J. Mol. Biol. 228:433-441 (November 1992).		
AV6	"GeneChip Probe Array Synthesis," [online] March 1998 [retrieved on 1998-10-15]. Retrieved from the Internet:<URL: http://www.affymetrix.com/technology/synthesis.html		
AW6	Chu, S. et al., "The Transcriptional Program of Sporulation in Budding Yeast," Science, 282, 10/23/98 (pp. 699-705).		
AX6	Kalocsai, P., et al., "Visualization and analysis of Gene Expression Data," Journal of the Association for Laboratory Automation 4(5): 58-61 (1999).		
AY6	Miyakis, et al., "Differential Expression and Mutation of the ras Family Genes in Human Breast Cancer," Biochemical and Biophysical Research Comm., 251: 609-612 (1998).		
AZ6	Shiosaka, T. and Tanaka, Y., "Expression of Selected Genes and Oncogenes in Differentiated HL-60 Cells and Primary Cells from Human Leukemias," Anticancer Research, 9:1249-1264 (1989).		
AR7	Ben-Dor, A., et al., "Tissue Classification with Gene Expression Profiles," Journal of Computational Biology, 7(3/4) 559-583 (2000).		
AS7	Xiong, M., et al., "Computational Methods for Gene Expression-Based Tumor Classification," Biotechniques, 29: 1264-1270 (2000).		
AT7	Dougherty, E., "Small sample issues for microarray-based classification," Comparative and Functional Genomics, 2: 28-34 (2001).		
AU7	Park, et al., "A Nonparametric Scoring Algorithm for Identifying Informative Genes From Microarray Data," Pacific Symposium on Biocomputing, pp. 52-63 (2001).		
AV7	Watson, M. A., et al., "Gene Expression Profiling with Oligonucleotide Microarrays Distinguishes World Health Organization grade of Oligodendrogliomas," Cancer Research, 61: 1825-1829 (2001).		
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MG Yoran		4/1/04	